



KBET 15 - 20

1.1	Manufacturer		KION BAOLI
1.2	Manufacturer's type designation		KBET 18
1.3	Drive: electric, diesel, petrol, fuel gas		Electric
1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Seated
1.5	Rated capacity / Rated load	Q (t)	1.8
1.6	Load centre distance	c (mm)	500
1.8	Load distance, centre of drive axle to fork	x (mm)	365
1.9	Wheelbase	y (mm)	1295
2.1	Service weight	Kg	3260
2.2	Axle loading, laden front/rear	Kg	4530/530
2.3	Axle loading, unladen front/rear	Kg	1500/1760
3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		S/E
3.2	Tyre size, front		18x7-8
3.3	Tyre size, rear		16x6-8
3.5	Wheels, number front/rear (x = driven wheels)		2x/2
3.6	Tread, front	b10 (mm)	890
3.7	Tread, rear	b11 (mm)	205
4.1	Tilt of mast/fork carriage forward/backward	α/β (°)	5/7
4.2	Height, mast lowered	h1 (mm)	2005
4.3	Free lift	h2 (mm)	122
4.4	Lift	h3 (mm)	3000
4.5	Height, mast extended	h4 (mm)	3945
4.7	Height of overhead guard (cabin)	h6 (mm)	2015
4.8	Seat height/stand height	h7 (mm)	958
4.12	Coupling height	h10 (mm)	600
4.19	Overall length	l1 (mm)	2850
4.20	Length to face of forks	l2 (mm)	1930
4.21	Overall width	b1/b2 (mm)	1066
4.22	Fork dimensions ISO 2331	s/e/l (mm)	35/120/920
4.23	Fork carriage ISO 2328, class/type A, B		II A
4.24	Fork carriage width	b3 (mm)	968
4.31	Ground clearance, laden, below mast	m1 (mm)	120
4.32	Ground clearance, centre of wheelbase	m2 (mm)	110
4.34.1	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	3241
4.34.2	Aisle width for pallets 800 x 1200 crossways	Ast (mm)	3060
4.35	Turning radius	Wa (mm)	1550
4.36	Internal turning radius	b13 (mm)	-
5.1	Travel speed, laden/unladen	km/h	13.5/15
5.2	Lift speed, laden/unladen	m/s	0,300/0,470
5.3	Lowering speed, laden/unladen	m/s	0,480/0,420
5.8	Max gradeability, laden/unladen	%	20/20
5.10	Service brake		Electromechanical
6.1	Drive motor rating S2 60 min	kW	2x6.5
6.2	Lift motor rating at S3 15%	kW	16.5
6.4	Battery voltage/nominal capacity K5	V/Ah	48 / 505/525/595
6.5	Battery weight	kg	810~920
10.1	Operating pressure for attachments	bar	160
10.7	Sound pressure level at driver's seat	dB (A)	≤75

Electric trucks

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Mast type	H3	Rated Capacity - Load center 500 mm	Rated Capacity - Load center 500 mm - with Sideshift	H1	H4 with load backrest	H2 without load backrest	H2 with load backrest	Mast angle Front/back
VM Tele	2500	1800	1650	1745	3542	140	140	5/7
	2700	1800	1650	1845	3742	140	140	5/7
	3000	1800	1650	2005	4042	140	140	5/7
	3250	1800	1650	2120	4292	140	140	5/7
	3300	1800	1650	2145	4342	140	140	5/7
	3500	1800	1650	2245	4542	140	140	5/7
	4000	1600	1450	2545	5042	140	140	5/7
VFM 2 stage	2500	1800	1650	1745	3542	1250	743	5/7
	2700	1800	1650	1845	3742	1350	843	5/7
	3000	1800	1650	2005	4042	1500	993	5/7
	3300	1800	1650	2145	4342	1650	1143	5/7
	3500	1800	1650	2245	4542	1690	1243	5/7
	4000	1600	1450	2545	5042	1890	1543	5/7
VFHM triplex	4000	1500	1350	1940	5042	1400	938	3/5
	4350	1400	1250	2065	5392	1525	1063	3/5
	4500	1400	1250	2115	5542	1575	1183	3/5
	4700	1300	1150	2185	5742	1645	1183	3/5
	4800	1300	1150	2215	5842	1745	1213	3/5
	5000	1200	1050	2315	6042	1775	1313	3/5
	5400	1000	850	2440	6442	1900	1483	3/5
	5500	850	700	2465	6542	1925	1463	3/5
	6000	650	500	2665	7042	2125	1663	3/5

